ILLUMINATING US
lighting

LED HIGH BAY

TYPE: _____

Bluetooth

UL CERTIFIED · WET LOCATION · 10 YEAR LIMITED WARRANTY · 65°C up to

High bay is the ideal light source for energy-efficient, low maintenance illumination in large spaces. Designed with durability and functionality in mind, the LED Round High Bay lighting options are versatile and suited to satisfy most all long-term lighting needs. The IMHB05 delivers ultra-high luminous flux for use in large indoor environments with a clearance of more than 30 feet. Its high luminous efficiency features cost savings for customers and is favored by customers compared with similar products. The IMHB05 is ideal for industrial and manufacturing applications, and is your LED replacement for up to 1000W IMH fixtures.

SPECIFICATION

Construction
● Durable, die-cast aluminum housing with heat dissipating fins.
● Dark bronze polyester powder-coat finish.
● Easy access to the driver compartment from the face.

Optics
● Efficiency higher than 171lm/W, designed to replace 750W and 1000W MH while consumes 350W and 420W.
● Light engines are available in standard 4000K、5000K congurations.
● 120 degree lens guarantees light intensity and light uniformity.

Electrical
● Universal 120-277 VAC or 347-480 VAC input voltage.
● 0-10V dimming standard for a dimming range of 100% to 10%.
● Operating temperature is -40°C (-40°F) to 55°C (131°F) when Wattage is above 300W (Max. 65°C (149°F) for 300W and below).

Mounting
● 3/4" Conduit pendant, Hook mounting.

Controls
● Optional PIR Sensor or Bluetooth Smart Control Sensor available for further energy-saving.
● Optional Wattage Adjustment Dial allows more flexibility to suit for higher ambient or various light output requirement.

Lifespan
● Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty
● 10-year limited warranty.

Certifications
● UL cUL wet location listed.

Note
● Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C) specifications subject to change without notice.
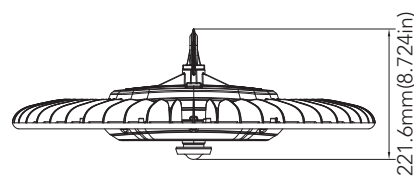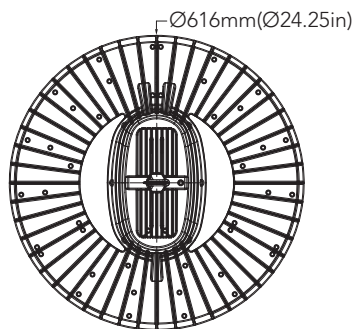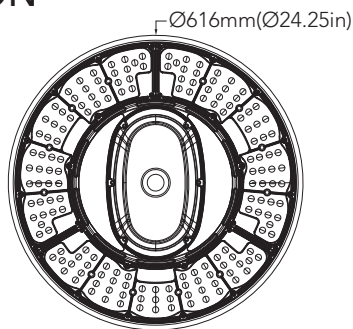
PERFORMANCE DATA

SETTING	CRI	350W			TEMPERATURE
		SYSTEM WATTS	LUMENS	LPW	
100%	70	350W	60000lm	171lm/W	55°C
80%	70	280W	49000lm	175lm/W	**65°C**
60%	70	210W	38000lm	181lm/W	**65°C**
40%	70	140W	26000lm	186lm/W	**65°C**

SETTING	CRI	420W			TEMPERATURE
		SYSTEM WATTS	LUMENS	LPW	
100%	70	420W	70000lm	167lm/W	55°C
80%	70	336W	57000lm	170lm/W	55°C
60%	70	252W	44000lm	175lm/W	**65°C**
40%	70	168W	30000lm	179lm/W	**65°C**

DIMENSION

unit: mm/inch

Ø616mm(Ø24.25in)   Ø616mm(Ø24.25in)

221.6mm(8.724in)

ACCESSORIES (Optional)

Plug-and-Play PIR Sensor	Plug-and-Play Microwave Sensor
PIR sensor: ANT-6-4T	Microwave sensor: ANT-5-4T
Bluetooth PIR sensor: ANT-6-4T-BLE-SR	Bluetooth microwave sensor: ANT-5-4T-BLE-SR

MOUNTING

	Hook Mount
	Conduit Pendant Mount

ORDERING GUIDE

Example: IMHB05350W27V50KYYYYY

	Fixture Type	Wattage	Voltage	CCT	Finish	Sensor (Option)	Adjustment Dial (Option)	Internal Code
IUS								
I	MHB05 High Bay	350W	27V 120-277V	40K 4000K	D Dark Bronze	M With Sensor	AD With Adjustment Dial	Blank
		420W	48V 347-480V	50K 5000K	B Black	Blank Without Sensor	Blank Without Adjustment Dial	Alphanumeric
					W White			